

SECTION B.

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS, BY AGENCY AND TYPE OF ADMINISTRATION

The following is the master list of federally funded research and development centers (FFRDCs) included in the Federal funds survey for fiscal years 1998–2000. The list is arranged by sponsoring agency and

administering organization. Respondents reported under the FFRDC category those funds obligated to centers identified on this list.

Federally funded research and development centers, by agency and type of administration

Sponsoring agency	Administered by universities and colleges ¹	Administered by other nonprofit institutions ²	Administered by industrial firms
DEPARTMENT OF DEFENSE: Office of the Secretary of Defense ³		Institute for Defense Analyses Studies and Analyses FFRDC (Institute for Defense Analyses), Alexandria, VA Logistics Management Institute (Logistics Management Institute), McLean, VA ⁴ National Defense Research Institute (RAND Corp. ⁵), Santa Monica, CA C3I Federally Funded Research and Development Center (MITRE Corp. ⁶), Bedford, MA, and McLean, VA	
Defense Advanced Research Projects Agency	Software Engineering Institute ³ (Carnegie Mellon University), Pittsburgh, PA		
National Security Agency		Institute for Defense Analyses Communications and Computing Federally Funded Research and Development Center ⁷ (Institute for Defense Analyses), Alexandria, VA	
Department of the Navy		Center for Naval Analyses (The CNA Corp.), Alexandria, VA	
Department of the Air Force	Lincoln Laboratory (Massachusetts Institute of Technology), Lexington, MA	Aerospace Federally Funded Research and Development Center (The Aerospace Corp.), El Segundo, CA Project Air Force (RAND Corp. ⁵), Santa Monica, CA	
Department of the Army ⁸		Arroyo Center (RAND Corp. ⁵), Santa Monica, CA	
DEPARTMENT OF ENERGY ⁹	Ames Laboratory (Iowa State University of Science and Technology), Ames, IA Argonne National Laboratory (University of Chicago), Argonne, IL Ernest Orlando Lawrence Berkeley National Laboratory (University of California), Berkeley, CA	Brookhaven National Laboratory ¹⁰ (Associated Universities, Inc.), Upton, Long Island, NY National Renewable Energy Laboratory ¹¹ (Midwest Research Institute), Golden, CO Pacific Northwest National Laboratory (Battelle Memorial Institute), Richland, WA	Idaho National Engineering and Environmental Laboratory (Lockheed Martin Idaho Technologies Company), Idaho Falls, ID Oak Ridge National Laboratory (Lockheed Martin Energy Research Corp.), Oak Ridge, TN Sandia National Laboratories (Sandia Corp., a subsidiary of Lockheed Martin Corp.), Albuquerque, NM Savannah River Technology Center (Westinghouse Savannah River Co.), Aiken, SC

See explanatory information, if any, and SOURCE at end of table.

Federally funded research and development centers, by agency and type of administration—Continued

Sponsoring agency	Administered by universities and colleges ¹	Administered by other nonprofit institutions ²	Administered by industrial firms
DEPARTMENT OF ENERGY, continued	<p>Fermi National Accelerator Laboratory (Universities Research Association, Inc.), Batavia, IL</p> <p>Lawrence Livermore National Laboratory (University of California), Livermore, CA</p> <p>Los Alamos National Laboratory (University of California), Los Alamos, NM</p> <p>Oak Ridge Institute for Science and Education (Oak Ridge Associated Universities, Inc.), Oak Ridge, TN</p> <p>Princeton Plasma Physics Laboratory (Princeton University), Princeton, NJ</p> <p>Stanford Linear Accelerator Center (Leland Stanford Junior University), Stanford, CA</p> <p>Thomas Jefferson National Accelerator Facility (Southeastern Universities Research Association, Inc.), Newport News, VA ¹²</p>		
DEPARTMENT OF HEALTH AND HUMAN SERVICES: National Institutes of Health			<p>NCI Frederick Cancer Research and Development Center (Science Applications International Corp.; Advanced BioScience Laboratories, Inc.; Charles River Laboratories, Inc.; Data Management Services, Inc.), Frederick, MD</p>
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	<p>Jet Propulsion Laboratory (California Institute of Technology), Pasadena, CA</p>		
NATIONAL SCIENCE FOUNDATION	<p>National Astronomy and Ionosphere Center (Cornell University), Arecibo, PR</p> <p>National Center for Atmospheric Research (University Corp. for Atmospheric Research), Boulder, CO</p> <p>National Optical Astronomy Observatories¹³ (Association of Universities for Research in Astronomy, Inc.), Tucson, AZ</p> <p>National Radio Astronomy Observatory (Associated Universities, Inc.), Green Bank, WV</p>	<p>Critical Technologies Institute (RAND Corp.⁵), Washington, DC</p>	

See explanatory information, if any, and SOURCE at end of table.

Federally funded research and development centers, by agency and type of administration—Continued

Sponsoring agency	Administered by universities and colleges ¹	Administered by other nonprofit institutions ²	Administered by industrial firms
NUCLEAR REGULATORY COMMISSION		Center for Nuclear Waste Regulatory Analyses (Southwest Research Institute), San Antonio, TX	
DEPARTMENT OF TRANSPORTATION: Federal Aviation Administration		Center for Advanced Aviation System Development (MITRE Corp. ⁵), McLean, VA	
DEPARTMENT OF THE TREASURY: Internal Revenue Service		Tax Systems Modernization Institute (IIT Research Institute), Lanham, MD	

¹ Includes university consortia

² That is, other than universities and colleges

³ In June 1997, the Office of the Secretary of Defense, not DARPA, became the sponsor of the Software Engineering Institute.

⁴ Logistics Management Institute moved from Bethesda, MD, to McLean, VA, in May 1994.

⁵ The following portions of the Rand Corp. are FFRDCs: National Defense Research Institute (formerly Defense/Office of the Joint Chiefs of Staff), Project Air Force, the Arroyo Center, and the Critical Technologies Institute. All other agency support to RAND is reported under "other nonprofit institutions excluding FFRDCs."

⁶ Only the C3I Federally Funded Research and Development Center and the Center for Advanced Aviation System Development parts of the MITRE Corp. are FFRDCs. All other agency support to MITRE is reported under "other nonprofit institutions excluding FFRDCs."

⁷ Although the Institute for Defense Analyses Communications and Computing FFRDC has been in existence since 1956, the Department of Defense added it to the Master Government List of FFRDCs for the first time in October 1995.

⁸ The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX, as an FFRDC in November 1993.

⁹ The Department of Energy decertified Bettis Atomic Power Laboratory, Hanford Engineering Development Laboratory, and Knolls Atomic Power Laboratory as FFRDCs in October/November 1992. The Department of Energy removed from the Master Government List of FFRDCs (1) the Energy Technology Engineering Center in November 1995 and (2) the Inhalation Toxicology Research Institute in May 1996.

¹⁰ On March 1, 1998, Brookhaven National Laboratory acquired a new nonprofit administrator (Brookhaven Science Associates, Inc.). The previous administrator was a university consortium.

¹¹ In September 1991 the name was changed from Solar Energy Research Institute.

¹² In May 1996 the name was changed from Continuous Electron Beam Accelerator Facility.

¹³ Since February 1984 this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

SOURCE: National Science Foundation/Division of Science Resources Studies

Updates of this list and an annotated list of FFRDCs are available at <http://www.nsf.gov/sbe/srs/ffrdc/start.htm>.